

**Sent:** 8/19/2019 1:20:30 PM  
**To:** Johnsie Lang [jrlang@ncsu.edu]; Watkins, Andrew M. [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=35899b1060874a059646cec155abf669-Watkins, Andrew M.]  
**CC:** Lindstrom, Andrew [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=04bf7cf26aa44ce29763fbc1c1b2338e-Lindstrom, Andrew]; Hill, Donna [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=314e939d15314e119bf60e95644293db-Hill, Donna]; Chernoff, Neil [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=e2c8b0a1aa0347f7ab9245a7a5f28de1-Chernoff, Neil]; Rogers, John M. [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=9d2a5d5b6a71487cb4373cfcea7bb01b-Rogers, John M.]; Lau, Chris [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=dd4494e8927a4d78a5d2b9b20c618d4e-Lau, Chris]  
**Subject:** RE: Nafion Byproduct 2 Manuscript - ADVANCE NOTIFICATION  
**Attachments:** NBP2\_SI\_rnh.docx; PFESA BP2 8\_15\_19\_rnh.docx

Good morning Johnsie,

I sent your revised manuscript up to the IOAA for advance notification this morning. Once reviewed by the IOAA (usually within 48 hrs), the manuscript will be sent to SHC for distribution to interested program and regional offices. I anticipate the manuscript will be sent to Region 4, OLEM, OW and OCSPP. Once the SHC NPD distributes, the ORD policy is for a 2-week policy review. However, OW has insisted on a minimum of 4-weeks. As such, I would not anticipate final comments back before September 20.

## Ex. 5 Deliberative Process (DP)

Ron

**From:** Johnsie Lang <jrlang@ncsu.edu>  
**Sent:** Thursday, August 15, 2019 10:54 AM  
**To:** Hines, Ronald <Hines.Ronald@epa.gov>; Watkins, Andrew M. <Watkins.Andrew@epa.gov>  
**Cc:** Lindstrom, Andrew <Lindstrom.Andrew@epa.gov>; Hill, Donna <Hill.Donna@epa.gov>; Chernoff, Neil <Chernoff.Neil@epa.gov>; Rogers, John M. <Rogers.John@epa.gov>; Lau, Chris <Lau.Christopher@epa.gov>  
**Subject:** Re: Nafion Byproduct 2 Manuscript - ADVANCE NOTIFICATION

Hi Drew,

Please see the attached file for an updated version of the PFESA-BP2 manuscript. I have added a sentence about the comparison of the lowest serum concentrations and Wilmington serum levels based on Ron's comments. Can you please upload this version into STICS? The SI and Fact Sheet should not change.

Thanks,  
Johnsie

On Sat, Aug 10, 2019 at 6:32 PM Hines, Ronald <Hines.Ronald@epa.gov> wrote:

Good afternoon,

I have read through the revised manuscript and fact sheet/impact statement. Unfortunately, I am going to have to ask for some additional revision prior to sending for advance notification.

## **Ex. 5 Deliberative Process (DP)**

Ron Hines, PhD

Associate Director for Health

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**Ex. 6 Personal Privacy (PP)**